

Goat anti-inhibin alpha chain, mature form (mouse, rat) Antibody

Item Number	dAP-3324
Target Molecule	Principle Name: inhibin alpha chain, mature form (mouse, rat); Official Symbol: Inha; All Names and Symbols: Inha; inhibin alpha; AW555078; inhibin alpha chain; Accession Number (s): NP_034694.3; Human Gene ID(s): ; Non-Human GeneID(s): 16322 (mouse) 24504 (rat)
Immunogen	QRPPEEPAAH, is from internal region
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Preliminary experiments gave an approx 30kDa band in Mouse Brain lysates after 2µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 39.5kDa
IHC	

Reference	Reference(s): Cai K, Hua G, Ahmad S, Liang A, Han L, Wu C, Yang F, Yang L. Action mechanism of inhibin α -subunit on the development of Sertoli cells and first wave of spermatogenesis in mice. PloS one 2011 6 (10): e25585..PMID: 21998670->
------------------	--

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**